

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L2	19992	closing with diaphragm	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/18 10:50
L3	2	closing with diaphragm with cross with notch	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/18 10:52
L4	8922	closing with diaphragm and cross	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/18 10:52
L5	42	closing with diaphragm and cross with notch	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/18 10:56
L6	1375	piston with closing with diaphragm	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/18 10:56
L7	40	piston with closing with diaphragm with cross	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/18 10:57
L8	1	syringe and piston with closing with diaphragm with cross	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/18 10:58

## EAST Search History

L9	35	syringe and piston with closing with diaphragm	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/18 11:03
L10	12192	syringe and end with cap	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/18 11:04
L11	221	syringe and end with cap with diaphragm	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/18 11:04
L12	0	syringe and end with cap with diaphragm with notch	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/09/18 11:18
L13	2	("6830564").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/18 11:36
L14	2	("5098403").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/18 11:41
L15	10	((("6830564") or ("5201710") or ("6616640") or ("5098403") or ("4573977"))).PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/18 11:42

## EAST Search History

S1	2	("4775363").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/11 14:00
S2	169	604/216	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/11 14:29
S3	2931	604/110	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/11 14:29
S4	238	604/110 and prefilled	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/11 15:46
S5	23	("20030097115"   "2717598"   "3101712"   "3134340"   "4068662"   "4753638"   "4804371"   "4911694"   "4915697"   "4927416"   "4932947"   "5017187"   "5219338"   "5419766"   "5419773"   "5527297"   "5817047"   "6475193"   "6866039"   "7077826").PN. OR ("7175609"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/16 08:32
S6	149	604/231.ccls.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/11 14:58
S7	8	604/231.ccls. and hollow adj piston	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/11 15:29
S8	20	604/110.ccls. and hollow adj piston	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/11 15:22

## EAST Search History

S9	2	("5180370").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/11 15:22
S10	78	("4728320"   "4838863"   "4915699"   "4921486"   "4950241"   "4973316"   "4978343"   "5000736"   "5000738"   "5019044"   "5024616"   "5049133"   "5053010"   "5064419").PN. OR ("5180370"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/11 15:23
S11	23	604/231.ccls. and disposable	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/11 15:29
S12	9	604/110 and prefilled and bellow	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/12 08:38
S13	14	604/110 and prefilled and restrict	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/11 15:51
S14	4	("2717598").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/11 16:14
S15	44	((("2717598") or ("3101712") or ("3134340") or ("4068662") or ("4753638") or ("4804371") or ("4911694") or ("4915697") or ("4927416") or ("4932947") or ("5017187") or ("5219338") or ("5419766") or ("5419773") or ("5527297") or ("5817047") or ("6475193") or ("6866039") or ("7077826")).PN. or (2003/0097115).CCLS.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/11 17:49

## EAST Search History

S16	86	604/194.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/11 17:49
S17	23	("20030097115"   "2717598"   "3101712"   "3134340"   "4068662"   "4753638"   "4804371"   "4911694"   "4915697"   "4927416"   "4932947"   "5017187"   "5219338"   "5419766"   "5419773"   "5527297"   "5817047"   "6475193"   "6866039"   "7077826").PN. OR ("7175609"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/12 08:30
S18	2	("5183466").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/12 08:30
S19	9	("4731068"   "4820272"   "4826483"   "4887999").PN. OR ("5183466"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/12 08:31
S20	2	("6830564").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/12 10:26
S21	2	("5242400").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/12 10:27
S22	2	("5935104").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/12 11:08

## EAST Search History

S23	38	("4728320"   "4838863"   "4921486"   "4950241"   "4973316"   "4978343"   "5000738"   "5019044"   "5024616"   "5049133"   "5064419"   "5180370"   "5188599"   "5190526"   "5267961"   "5389076"   "5423758"   "5542927"   "5769822"   "5800403"   "5843034").PN. OR ("5935104"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/12 11:08
S24	44	("4026287"   "4507117"   "4592744"   "4650468"   "4675005"   "4710170"   "4747829"   "4747830"   "4770655"   "4838869"   "4966593"   "4994034"   "5049133"   "5064419"   "5114410"   "5180369"   "5180370"   "5385551"   "5407436"   "5487732").PN. OR ("5843034").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/12 12:11
S25	4	("3308821").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/12 12:11
S26	1652	stopper adj ring	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/16 08:33
S27	36	stopper adj ring and syringe	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/16 08:52
S28	2	("5045062").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/16 08:54
S29	2	("4944728").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/16 08:55
S30	0	("2003/0130623").URPN.	USPAT	OR	ON	2007/04/16 09:04
S31	3	cap with closing adj diaphragm	USPAT	OR	ON	2007/04/16 09:17

## EAST Search History

S32	2	("6616640").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/16 09:23
S33	2	("6206857").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/16 10:07
S34	2	("6830564").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/16 10:24
S35	2	("5226893").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/16 10:24
S36	16	("3066671"   "3587575"   "4909793"   "4917669"   "4936830"   "4938745"   "4950252").PN. OR ("5226893").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/16 10:50
S37	3221	hollow adj piston adj rod	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/16 10:51
S38	219	hollow adj piston adj rod with cap	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/16 10:51
S39	76	hollow adj piston adj rod with end adj cap	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/16 10:51
S40	2	"604".clas. and hollow adj piston adj rod with end adj cap	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/16 10:53
S41	4	"604".clas. and hollow adj piston adj rod with cap	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/16 10:57
S42	150	"604".clas. and hollow adj piston	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/16 11:21

## EAST Search History

S43	917	closing adj diaphragm	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/16 11:24
S44	2	("4445895").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/16 11:23
S45	2	("4838863").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/16 11:23
S46	29	"604".clas. and closing adj diaphragm	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/16 11:26
S47	25	"604".clas. and diaphragm with notches	US-PGPUB; USPAT; USOCR	OR	ON	2007/04/16 11:27
S48	1346	syringe with diaphragm	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/16 11:36
S49	22	syringe with end adj diaphragm	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/16 11:46
S50	68	needle with slide adj cover	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/04/16 11:46
S51	2	("4573977").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/04/16 12:00



## EAST Search History

S52	2	("5782804").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/17 17:31
S53	43	("4650468"   "4695274"   "4767413"   "4790822"   "4804370"   "4813936"   "4826484"   "4826489"   "4861338"   "4904242"   "4908022"   "5019044"   "5084018"   "5114404"   "5180369"   "5180370"   "5188599"   "5201710"   "5211629"   "5242402"   "5385551"   "5407436").PN. OR ("5782804").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/17 17:31
S54	73	("2460039"   "2902035"   "3314428"   "3941129"   "4009716"   "4214584"   "4316463"   "4333456"   "4333458"   "4507117"   "4687467"   "4692156"   "4710170"   "4747831"   "4808169"   "4826484"   "4838863"   "4838869"   "4850968"   "4908022"   "4915692"   "4921486"   "4927414"   "4947863"   "4973316"   "4978343"   "4994034"   "4997423"   "5000736"   "5007903"   "5019044"   "5026354"   "5049133"   "5053010"   "5064419"   "5084018"   "5098402"   "5114404"   "5114410"   "5120310"   "5125898"   "5180369"   "5180370"   "5188599"   "5188613"   "5190526"   "5201710"   "5211628"   "5211629"   "5211630"   "5215533"   "5221262"   "5242402"   "5242405"   "5259840"   "5267961"   "5300030"   "5324265"   "5342308"   "5342310"   "5385551"   "5389076"   "5407431"   "5407436"   "5423758"   "5578011"   "5613952"   "5782804"   "5800403").PN. OR ("6605073"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/17 17:41
S55	67	("0772114"   "2037768"   "4838869"   "4994034"   "5049133"   "5211629").PN. OR ("5407436"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/09/17 18:41

## EAST Search History

S56	4	("4412836").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/09/17 18:41
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